

DIVISION OF OIL, GAS, AND MINING  
BOND ESTIMATE

OPERATOR: Ziegler Chemical & Mineral Corporation  
MINE NAME: Ute-32  
LOCATION: Sec. 32, T. 11 S., R. 25 E.  
COUNTY: Uintah  
DATE: February 16, 1978

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	hoisthouse &	\$500.00/each	\$1000.00
	2. Removal of trash & debris.	tipple		
	3. Leveling of ancillary facilities pads and access roads.	Lump sum	500.00	500.00
B.	REGRADING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	254 yd <sup>3</sup> diver. 167 yd <sup>3</sup> dugway	800yd <sup>3</sup> /hr at \$85/hr	44.70
	2. Recontouring of highwalls and excavations.			
	3. Spreading of soil or surficial materials.	3226 yd <sup>3</sup> from mine & road, and storage pad	800yd <sup>3</sup> /hr @ \$85.00/hr	342.76
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	3.33 ac. road, mine & storage pad.	\$25.00/ac	83.25
	2. Seeding or planting.			
	3. Construction of terraces, water-bars, etc.	3.33 ac.	\$100.00/ac	333.00
D.	LABOR			
	1. Supervision.	16 hrs @	\$ 10.00/hr	160.00
	2. Labor exclusive of bulldozer time.	\$10.00/hr		
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.	close 2 vertical shafts	\$500 Each	1000.00
	2. Removal or neutralization of explosive or hazardous materials.			
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	5 Division Inspections	\$50.00 ea	250.00
G.	OTHER			
	Subtotal			3693.71
	5% Inflation over 4 years (Sub. *1.2155)			795.99

TOTAL SURETY (for initial mining covered by D.O.E.)

\$4489.70

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A.	CLEAN-UP			
	1. Removal of structures & equipment.	hoisthouse & tipples	\$500 Each	\$1,000.00
	2. Removal of trash & debris.	Lump sum	\$500	\$500.00
	3. Leveling of ancillary facilities pads and access roads.	unnecessary	0.	0.00
B.	REGRADING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	254 yd <sup>3</sup> diversion 167 yd <sup>3</sup> dugway	800 yd <sup>3</sup> /hr at \$85/hr.	\$44.70
	2. Recontouring of highwalls and excavations.	unnecessary		
	3. Spreading of soil or surficial materials.	3226 yd <sup>3</sup> from mine & road, and storage pad	800 yd <sup>3</sup> /hr at \$85.00/hr	\$342.76
C.	STABILIZATION			
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	1. Supervision.	16 hrs. at \$10.00/hr.	\$10.00/hr	\$160.00
	2. Labor exclusive of bulldozer time.			
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.	Close 2 Vertical Shafts	\$500.00 Each	\$1,000.00
	2. Removal or neutralization of explosive or hazardous materials.	unnecessary		
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	5 Division inspections	\$50.00 Each	\$250.00
G.	OTHER			
	Subtotal			<del>3,693.71</del>
	5% inflation over 4 years (Subtotal * 1.2155)			\$3,693.71
				\$795.99

Total Surety for initial mining covered by D.O.E.

\$4,489.70